| Index | of Claims |  |
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| Application | No. |
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10/706,273

Examiner

Len Tran

Applicant(s)

BOULET, ALAIN RENAUD

**Art Unit** 

1725

√ Rejected
= Allowed

(Through numeral)
Cancelled

Restricted

N Non-Elected
I Interference

A Appeal
O Objected

|              |          |                       | L        |              |   | _            |           |          |          |           | J            |          |           | Į      |              | L            |   |
|--------------|----------|-----------------------|----------|--------------|---|--------------|-----------|----------|----------|-----------|--------------|----------|-----------|--------|--------------|--------------|---|
| Г            | Cla      | im                    | Т        |              | _ | _            | _         | _        | -        | )a        | ite          | _        |           |        |              |              | 7 |
| -            |          |                       |          | 4            |   | Т            | _         | Т        | Ť        | Ĩ         | Ť            |          | T         | 1      |              | Г            | 1 |
| 1            | Final    | Original              |          | 8            |   |              |           | l        |          |           | 1            |          | ı         |        |              | 1            | ľ |
| ļi           | ፫        | Ę                     |          | [[           |   | ĺ            |           | l        |          |           | ĺ            |          |           | 1      |              | l            |   |
| <u> </u>     | _        |                       | L        |              |   | 1            |           | L        |          |           | 1            |          | L         |        |              |              | _ |
| $\vdash$     | _        | 1<br>2<br>3<br>4<br>5 |          | V            |   | 1            |           | Ļ        | _        |           | 1            |          | L         | 1      |              | L            |   |
| $\vdash$     | $\dashv$ | _2                    | +        | H            | _ | +            |           | -        | 4        |           | 4            | _        | L         | 4      |              | L            | 4 |
| -            | -        | _ <u>3</u>            | +,       | И            | - | ╀            |           | ╀        | -        |           | +            |          | H         | 4      |              | <u> </u>     | 4 |
| -            | -+       | - 5                   | V        | 1            | _ | +            | _         | ╁        | $\dashv$ |           | +            | -        | ├         | +      | _            | ļ.           | 1 |
|              | 7        | 6                     | 1        | 1            | _ | $^{\dagger}$ | _         | $\vdash$ | Ŧ        |           | ╁            |          | ┝         | +      |              | -            | ┨ |
|              |          | 7                     | 1        |              | _ | t            |           | T        | 1        |           | t            |          | ┢         | †      | _            | -            | 1 |
|              |          | 8                     | 1        | 7            | _ | T            |           | T        | 1        |           | T            | _        | T         | †      | _            | _            | 1 |
|              |          | 9                     | v        |              |   | Ι            |           |          |          |           | Ī            | _        |           | Ť      |              |              | 1 |
|              | 4        | 10                    | 000      | 21           |   | L            |           | L        |          |           | I            |          |           | I      |              |              | ] |
| $\vdash$     | -        | 11                    | 19       | 4            | _ | ļ            | _         | L.       | 4        |           | 1            | _        | _         | 1      | Ц            |              |   |
|              | -        | 11<br>12<br>13        | 10       | +            | _ | ╀            | _         |          | 4        |           | $\downarrow$ |          | _         | ļ      | 4            |              |   |
| -            | $\dashv$ | 13                    | 1        | 1            | _ | ╀            | _         | _        | +        | _         | Ļ            | 4        |           | 4      |              |              |   |
| <b>-</b>     | -        | 14<br>15              | 1        | 7            |   | ├            | -         | _        | +        |           | +            |          |           | +      | 4            |              | { |
| -            | _        | 16                    | Ħ        | ╁            |   | t            | _         |          | +        |           | ╁            | -        | _         | ╁      | +            | _            | ł |
| T            | 7        | 17                    | 11       | 7            |   | t            | 7         | _        | ╁        | _         | t            | 7        |           | $^{+}$ | +            | -            | l |
|              |          | 18                    | П        | 1            | _ | T            |           | _        | T        |           | T            | 7        | _         | †      |              | _            |   |
|              |          | 19                    | V        | Z            |   | Γ            |           |          |          |           | T            | 1        |           | 1      | 7            |              |   |
| _            | $\perp$  | 20<br>21              | V        | 1            |   | L            |           |          |          |           |              |          |           | I      |              |              |   |
| <u> </u>     | _        | 21                    | L        | 1            | _ | L            |           |          | ↓        |           | L            | 1        |           | L      | $\Box$       |              |   |
| -            | 4        | 22<br>23              | <u> </u> | $\downarrow$ | _ | L            | 4         |          | 1        |           | L            | 4        | _         | L      | $\downarrow$ | _            |   |
| <u> </u>     | +        | 23                    | L        | ╀            | _ | L            | 4         |          | 4        |           | ļ.           | 4        |           | Ļ      | 4            | 4            |   |
| ┢─           | +:       | 24<br>25              | ┝        | +            | - | _            | +         | _        | ╀        | _         | H            | +        |           | ╁      | 4            | ᅴ            |   |
| -            |          | 26                    | ├-       | +            | - | H            | +         |          | ╁        |           | ├-           | +        | _         | ╀      | +            | $\dashv$     |   |
|              | :        | 27                    | $\vdash$ | t            | 7 | -            | †         | _        | t        | -         | -            | +        |           | ╁╴     | +            | ┪            |   |
|              | 7:       | 28<br>29              |          | T            |   |              | †         |          | T        |           |              | †        |           | H      | 十            | ٦            |   |
| L.           |          | 29                    |          |              |   |              |           |          |          |           |              | T        |           | Γ      | Ť            | ٦            | ļ |
| <u> </u>     | _ :      | 30                    |          | L            |   |              | I         |          |          |           |              | I        |           |        | T            |              | ı |
|              | 43       | 31                    |          | L            | 4 |              | 1         |          | L        |           |              | 1        | _         |        | I            |              |   |
| -            | +        | 32<br>33              | _        | ╀            | 4 |              | 4         | _        | L        | -         |              | 1        |           | L      | 1            | 4            |   |
| <del> </del> | + 3      | 33                    |          | $\vdash$     | 4 | _            | +         | _        | 1        | -         |              | +        | _         | -      | +            | 4            | ļ |
| <del> </del> | +        | 35                    |          | ├            | + | _            | +         |          | +        | +         |              | ╀        | _         | -      | +            | $\dashv$     | } |
| _            | 13       | 36                    |          | +            | + |              | $\dagger$ |          | t        | +         |              | +        | -         | -      | +            | $\dashv$     | - |
|              |          | 37                    |          | T            | † |              | t         |          | 1        | 1         | -            | †-       | _         |        | +            | +            | . |
|              | 13       | 8                     |          | L            | 1 | _            | Ī         |          |          | †         |              | T        | T         | _      | t            | $\dashv$     | ŀ |
|              |          | 9                     |          |              | I |              |           |          |          |           |              | Ι        |           | _      | İ            |              | Ţ |
|              |          | 0                     |          | L            | 4 |              | 1         | _        |          | 1         |              | Ĺ        |           |        |              |              |   |
|              |          | 1                     |          | L            | 1 |              | L         | _        | _        | 4         |              | L        | _         | _      | L            | $\perp$      |   |
| —–           |          | 2 3                   | -        | <u> </u>     | + |              | H         | 4        | _        | +         |              | ╀        | _         |        | Ļ            | $\downarrow$ | - |
|              | 4        | 3                     |          | _            | + | _            | -         | 4        | _        | +         |              | ╀        | 4         | _      | $\vdash$     | _            | } |
|              | 4        |                       | -        |              | + |              | H         | $\dashv$ | _        | +         |              | $\vdash$ | +         | _      | $\vdash$     | $\dashv$     | - |
| _            | 4        | 6                     |          | _            | † | _            | H         | +        | _        | +         |              | H        | +         | -      | ╁            | $\dashv$     | - |
|              | 4        | 7                     |          | _            | t | _            | H         | +        | _        | $\dagger$ | _            | t        | $\forall$ |        | +            | $\forall$    | H |
| _            | 4        | 8                     | _        |              | T |              | Γ         | 7        | _        | t         |              | H        | 1         | _      | T            | $\dashv$     |   |
|              | 4        |                       |          |              | Ι |              |           | 7        | _        | Ť         |              | Γ        | †         |        | $\vdash$     | 1            |   |
|              |          | ^ I                   |          | _            | 1 | _            | _         | -        | _        | _         | _            |          | -+        |        | _            | _            |   |

| Γ-       | Clair    | n              | Т        | _ |   | _      |   | - | _            | ):     | ite      |              |                         |          | _        |          |
|----------|----------|----------------|----------|---|---|--------|---|---|--------------|--------|----------|--------------|-------------------------|----------|----------|----------|
|          | - 1      |                | $\vdash$ | ٦ | _ | 7      | _ | Т | <u> </u>     | Ĺ      | Ť        |              | Т                       | Т        |          | Т        |
| -        | ਰ        | Original       |          | Į |   |        |   |   |              |        | 1        |              | l                       |          |          |          |
| 1        | <u> </u> | ē              | ı        |   |   | 1      |   |   |              |        | Į        |              | l                       |          |          | ı        |
| -        | _ [      | 0              |          | 1 |   |        |   | l |              |        |          |              | Į                       | 1        |          |          |
|          | 1        | 51             | ├-       | 1 |   | ╁      | _ | t | _            | _      | +        | _            | ┝                       | +        | _        | ╁        |
| $\vdash$ | +;       | 52             | H        | + | - | $^{+}$ |   | ╁ | -            | _      | +        |              | ┝                       | +        |          | ╀        |
|          |          | 52<br>53       | Н        | + | - | +      |   | ╁ | ┥            | -      | +        |              | H                       | +        | _        | +        |
|          | 1        | 54             | H        | + |   | †      |   | ╁ | -            | _      | +        |              | ┝                       | +        | _        | ╁        |
|          |          | 55             | -        | † | _ | ╁      |   | ╁ | $\dashv$     | -      | ╁        | _            | H                       | +        | _        | ╁        |
|          | 1        | 6              |          | + | - | t      |   | H | +            | _      | +        |              | H                       | +        |          | ╁        |
|          |          | 7              | _        | † | _ | t      | _ | t | +            | _      | +        |              | -                       | +        | _        | t        |
| _        | F        | 8              |          | t |   | †      | _ | ┝ | +            | _      | ╁        |              |                         | +        | _        | ╁╴       |
| -        |          | 9              | _        | t | _ | ╁      | _ | ┝ | -{           | -      | +        | -            | _                       | +        | _        | ₽        |
| -        |          | 0              |          | † | - | t      | _ | ┝ | +            | -      | +        | $\dashv$     |                         | +        |          | ╁        |
| F-       |          | 1              |          | † | - | ╁      |   | H | +            |        | ╁        | +            |                         | +        | _        | ⊢        |
|          | - 6      | 2              |          | t | _ | t      |   | H | +            | -      | +        | $\dashv$     |                         | +        | _        | ├        |
|          |          | 3              |          | t |   | t      |   | Н | +            |        | +        | +            |                         | +        | _        | $\vdash$ |
|          | 16       | 4              |          | t |   | ╁      |   | - | +            |        | +        | -            | _                       | +        | -        | ⊦        |
|          | 16       | 5              |          | t | - | t      | - |   | +            |        | +        | +            |                         | +        | _        | $\vdash$ |
|          | 16       | 6              | _        | t |   | f      | - | - | +            | _      | ╁        | +            | _                       | +        | -        | $\vdash$ |
|          | 6        | <del>7</del>   |          | t |   | H      | 7 | _ | +            | -      | ╁        | +            | -                       | ╁        | -        | H        |
|          | 6        | 8              | _        | t | _ | t      | + |   | +            |        | ╁╴       | +            | -                       | ╁        | 4        | -        |
| _        | 6        | 9              |          | t |   | ┝      | + | _ | +            |        | ╁        | +            | _                       | ╁        | $\dashv$ | H        |
|          | 7        | ň              | -        | ŀ |   | H      | ┪ | _ | +            |        | ╁        | +            | _                       | ╁        | ᅥ        | -        |
|          | 7        | 1              |          | H |   | ┝      | + | _ | +            | -      | t        | +            | -                       | ╁        | $\dashv$ | _        |
| $\vdash$ | 7        | <del>;</del> † | _        | H | _ | H      | + | _ | +            |        | +-       | +            | -                       | ╁        | $\dashv$ | _        |
|          | 7:       | 3              |          | H | _ | H      | 7 |   | $^{+}$       |        | ┢        | +            | _                       | H        | ┨        | _        |
|          | 74       | 4              | _        | H | - | -      | + | _ | +            |        | H        | +            | _                       | ╁╴       | +        | _        |
|          | 7:       | 5              |          | Г | _ | -      | † | _ | $^{+}$       |        | H        | $^{+}$       | _                       | H        | +        | -        |
|          | 70       | 5              | П        | ۲ | 7 | _      | † | - | +            |        | -        | +            |                         | ┢        | +        |          |
|          | 7        | 7              |          | _ | T | _      | † | _ | ✝            | _      | ┢        | †            | _                       | H        | †        | _        |
|          | 78       | 3              |          | _ |   |        | † |   | t            | _      | 1-       | †            | _                       | Н        | †        | ~        |
|          | 79       | 9              | _        |   |   |        | † |   | †            |        | $\vdash$ | †            | _                       | _        | †        | _        |
|          | 80       | 5              |          |   | 7 |        | 1 | _ | T            | _      | Г        | Ť            |                         | <u> </u> | †        |          |
|          | 8        |                | T        | _ | 1 |        | † |   | T            | _      |          | t            | _                       | H        | †        | _        |
|          | 82       | 2              | 7        |   | 7 |        | Ť | _ | $^{\dagger}$ | _      |          | $^{\dagger}$ |                         | _        | †        |          |
|          | 83       | 3              |          |   | 7 |        | Ť |   | †            |        |          | T            |                         |          | t        | _        |
|          | 84       | F              |          |   | 1 |        | Ť |   | 1            | T      |          | T            |                         |          | †        | _        |
|          | 85       |                | T        |   | T |        | T |   | T            | 7      |          | T            |                         |          | Ť        | _        |
|          | 86       |                | _ [      |   | 1 |        | T |   | Г            | ٦      |          | T            |                         |          | Ť        |          |
|          | 87       | <u>'</u>       |          |   | T |        | Ī |   |              |        |          | T            |                         | _        | T        |          |
|          | 88       |                | $\perp$  |   |   |        | Γ |   |              |        |          | Γ            |                         |          | T        |          |
| -        | 89       |                | 1        |   |   |        | Ĺ |   | Г            | Ī      |          | Γ            |                         |          | Γ        | _        |
|          | 90       | _              | 1        |   | 1 |        | L |   | Ĺ            | $\int$ |          | I            |                         |          | Ι        |          |
|          | 91       | 1              | 1        |   | 1 | _      | L | _ | Ĺ            | _[     |          | Ĺ            |                         |          | ſ        |          |
| L        | 92       |                | 4        |   | ļ | _      | L | _ | L            | 1      |          | Ĺ            |                         |          |          |          |
| <u></u>  | 93       |                | 4        |   | 1 | _      |   |   | L            | 1      |          | L            |                         |          | ſ        |          |
|          | 94       |                | 1        | _ | 1 |        | L |   | L            | 1      |          | Ĺ            | $\prod$                 |          | Ĺ        |          |
|          | 95       | $\perp$        | 1        |   | 1 |        | L |   | Ĺ            |        |          | Ĺ            | $oldsymbol{\mathbb{I}}$ |          | Ĺ        |          |
| <u></u>  | 96       | $\perp$        | 1        |   | Ţ |        | Ĺ |   |              | _[     |          | Ĺ            | I                       |          | ſ        |          |
|          | 97       | 1              | 4        |   | 1 |        | L |   | L.           | 1      |          | Ĺ            |                         |          | Ĺ        |          |
| <u> </u> | 98       | 1              | 1        | _ | L | _      | L | _ | _            | 1      |          | L            | $\downarrow$            |          | L        |          |
|          | 99       | 1              | 1        |   | L | •      | L | ⅃ | _            | 1      | _        |              | 1                       |          | Ĺ        | ╝        |
| L        | 100      | 1              |          |   | 1 |        |   | 1 |              | Τ      |          |              | Ι                       | Ī        |          | 7        |

| _        |          |            | _        |              |              |   |          |              |           |           |          |              | _            |              |
|----------|----------|------------|----------|--------------|--------------|---|----------|--------------|-----------|-----------|----------|--------------|--------------|--------------|
| -        | <u>C</u> | aim Date   |          |              |              |   |          |              |           |           |          |              |              |              |
|          | Final    | Original   |          |              |              |   |          |              |           |           |          |              |              |              |
| ŀ        |          | 101        | +        | 4            |              | L | 4        | _            |           | ╀         | 1        | _            |              | <u> </u>     |
| ŀ        |          | 102        | +        | +            |              | ⊢ | +        | _            | _         | ╀         | +        | 4            |              | -            |
| ŀ        |          | 102        | ╁        | +            |              | ⊢ | +        |              | _         | ╀         | +        | -            |              | <del> </del> |
| ŀ        |          | 103        | ╁        | +            |              | H | +        |              | _         | ╀         | +        | 4            | _            | ├_           |
| ŀ        |          | 105        | +        | +            |              | - | +        | -            |           | ╀         | +        | 4            | _            | -            |
| ŀ        |          | 106        | +        | +            |              | H | +        | $\dashv$     | _         | ╀         | -        | 4            |              | ├_           |
| ╟        |          | 107        | +        | +            | _            | _ | +        | $\dashv$     |           | ╀         | +        | $\dashv$     |              |              |
| F        |          | 108        | +        | +            |              | H | +        |              | -         | -         | ╁        | +            |              | -            |
| T        |          | 109        | +        | $^{\dagger}$ |              | - | †        | ┪            | _         | ╁         | ╁        | +            | _            | H            |
| t        | _        | 110        | T        | Ť            |              |   | +        | 7            |           | ┢         | +        | +            |              | Н            |
|          |          | 111        | T        | Ť            |              | _ | †        | 7            | _         |           | ╁        | 1            |              | Н            |
|          |          | 112        |          | T            |              |   | T        | ╗            |           |           | Ť        | 1            | -            |              |
|          |          | 113        |          | Τ            |              |   | T        | T            |           | Ī         | T        | 7            |              | $\Box$       |
| L        |          | 114        | L        | Ι            |              |   | L        |              |           |           |          |              |              |              |
| $\perp$  |          | 115        | L        | Ļ            | _            | _ | ┸        | 4            |           |           | L        | $\perp$      |              |              |
| $\vdash$ |          | 116        | L        | $\downarrow$ | 4            | _ | $\perp$  | 4            |           | L         | Ļ        | 4            | $\Box$       |              |
| $\vdash$ |          | 117        | L        | ╀            | 4            | _ | ╀        | 4            |           | L.        | L        | 1            | _            | _            |
| ŀ        |          | 118<br>119 | -        | ╀            | -            | _ | ╀        | 4            | _         | L.,       | $\perp$  | +            | _            | _            |
| $\vdash$ |          | 120        | ┝        | ╀            | -            | _ | ╀        | +            | _         | _         | ╀        | +            | 4            |              |
| $\vdash$ |          | 121        | -        | ╁            | +            | _ | ╁        | +            | -         | _         | ╀        | +            | $\dashv$     | -4           |
| $\vdash$ | $\dashv$ | 121<br>122 | -        | t            | +            | _ | ╁        | +            | -         |           | ╁        | ╁            | ┥            | $\dashv$     |
| $\vdash$ | _        | 123        | ┝╌       | t            | +            | - | ╁╴       | +            | $\dashv$  |           | ╁        | ╁            | ┪            | $\dashv$     |
| $\vdash$ |          | 124        | _        | t            | +            | _ | t        | $^{\dagger}$ | 1         |           | +        | +            | ┪            | $\dashv$     |
|          |          | 124<br>125 |          | T            | 1            | _ | Г        | T            | $\exists$ |           | T        | $^{\dagger}$ | 7            | $\dashv$     |
|          |          | 126        |          |              |              |   |          | T            |           |           | Г        | T            | Ţ            | ᅱ            |
| L        | _        | 127        |          | L            |              |   |          | $\perp$      |           |           |          | Τ            |              | ٦            |
| L        | _        | 128        |          | L            | 4            | _ | L        | Ţ.           | _         |           |          |              | Ι            |              |
| L        | -        | 129        |          | L            | 4            |   | L        | 1            | 4         |           |          | L            | $\downarrow$ | _            |
| H        |          | 130        |          | _            | 4            |   | L        | $\downarrow$ | 4         |           | <u> </u> | 1            | 4            | _            |
| }-       | $\dashv$ | 131        | _        | L            | +            | _ | L        | ╀            | 4         |           | _        | ╀            | 4            | 4            |
| ⊢        | $\dashv$ | 132<br>133 | _        | -            | +            |   | <u> </u> | ╀            | +         | _         | _        | ╀            | +            | 4            |
| H        | -+       | 134        | _        | H            | +            | - | _        | ╀            | +         | _         | _        | ├            | +            | 4            |
| -        | $\neg$   | 135        |          | -            | +            | - | -        | +            | +         | _         | _        | H            | +            | -            |
| Г        | 1        | 136        |          | _            | $^{\dagger}$ | ┪ | _        | t            | $\dagger$ |           | _        | ┢            | +            | $\dashv$     |
|          |          | 137        |          |              | T            | ٦ | _        | T            | Ť         | $\exists$ |          | ┢            | $\dagger$    | $\dashv$     |
|          |          | 138        |          | _            | Τ            |   |          | 1            | T         | ╗         |          | T            | $\top$       | 1            |
|          |          | 139        | $\Box$   |              | L            |   |          |              |           |           |          |              | 1            |              |
| <u> </u> |          | 140        | $\Box$   | _            | ╀            |   |          | L            | $\perp$   | $\Box$    |          |              | Ι            |              |
|          | 4        | 141        | _        |              | ╀            | 4 |          | L            | $\perp$   | _         |          | L            | ⊥            | ╝            |
|          |          | 142        | 4        |              | ╀            | - |          | ₽            | 1         | 4         |          |              | 1            | _            |
|          |          | 143        |          | _            | +            | 4 |          | ₽-           | +         | +         | _        |              | +            | 4            |
|          |          | 145        | +        |              | +            | + | _        | H            | +         | +         | $\dashv$ |              | +            | -            |
|          |          | 146        | $\dashv$ | _            | ╁            | + |          | -            | +         | $\dashv$  | 4        | _            | +            | -            |
| _        |          | 147        | $\dashv$ | _            | H            | + |          | -            | +         | $\dashv$  | -        |              | ╁            | $\dashv$     |
|          |          | 148        | +        | _            | ┢            | + |          | -            | +         | +         | -        |              | +            | $\dashv$     |
|          |          | 149        | 7        | _            | t            | + | _        | -            | +         | $\forall$ | $\dashv$ |              | +            | $\dashv$     |
| _        |          | 50         | 十        | _            | T            | † |          | $\vdash$     | †         | +         | $\dashv$ | -            | t            | $\dashv$     |
|          |          |            |          |              | _            |   | _        | _            | _         |           | 1        |              | _            |              |